



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Charles Christopher Romaniuk

Art Unit: 2631

Application No. 09/672,509

Examiner: Kumar, Pankaj

Filed: 09/29/00

Customer No: 026477

For: Pulse Controlled Phase Modulator

Amendment

Honorable Commissioner of Patents and Trademarks, Washington, D.C. 20231

There are no amendments.

Remarks

This is in response to the Office Action mailed March 22, 2004.

Claims 1-33 remain in this application.

Claims 1, 2, 4, and 6 stand rejected under 35 U.S.C. 102(e), as being anticipated by Fields 6035079.

As described in claim 1, the modulator device produces a continuous wave coherent phase modulated output signal. This is not taught by Fields. Fields teaches a device where, under one condition, "the output beam is substantially dark" (Col 5 rows 33-34) and where, under alternate conditions, "the output beam is the second split beam" (Col 5 row 36). In the current application, the modulator device claimed in claim 1 does not have a substantially dark output signal. The output signal is phase modulated and is a binary phase shift keying (BPSK) signal. Furthermore, as described in Tables 1 and 2 and in claim 1, in both the ON and OFF regions, the output signal is present. The output signal is a continuous wave coherent phase modulated signal and is not dark.

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